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## UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.	343355600074			
First Inventor	Joel D. Kamentz et al.			
Title	Computer-Implemented System and Method for Resource Caching and			
Comment Mail I shall Ma	EV243794405US			

Execution

(Only for new nonprovisional applications under 37 CFR 1.53(b))		Express Mail Label No. EV24	3794405US					
See MPEP ch	APPLICATION ELEMENTS napter 600 concerning utility patent application contents.	ADDRESS TO: Commis	Iria VA 22313-1450					
2. Application See 37 3. Specific (preferrer - Descrip - Cross F - Statem - Referer or a cor - Backgr - Brief St - Brief Detaille - Claim(s	d arrangement set forth below)  bitive title of the invention  Reference to Related Applications ent Regarding Fed sponsored R & D nce to sequence listing, a table, mputer program listing appendix ound of the Invention ummary of the Invention escription of the Drawings (if filed) d Description	ii. Paper c. Statements verifyi  ACCOMPANYING A	policate, large table or pendix) d Sequence Submission le Form (CRF)					
4. X Drawing 5. Oath or Decla a. X New b. Copy (for continuous) i	g(s) (35 U.S.C. 113) [Total Sheets9]  aration [Total Sheets2]  dy executed (original or copy)  of from a prior application (37 CFR 1.63(d))  continuation/divisional with Box 18 completed)  DELETION OF INVENTOR(S)  igned statement attached deleting inventor(s)  ame in the prior application, see 37 CFR  .63(d)(2) and 1.33(b).  cation Data Sheet. See 37 CFR 1.76	10. 37 CFR 3.73(b) Stater (when there is an assignment of the state of	Attorney ocument (if applicable) 1449 Citations Int Int (MPEP 503) Itemized) Ity Document(s) Ity Document 35 U.S.C. 122 Inust attach form PTO/SB/35					
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation  Divisional  Continuation-in-part (CIP)  of prior application No.:  Prior application information:  Examiner  Art Unit:  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
	19. CORRESPON	DENCE ADDRESS						
☐ Custome	er Number:	OR X Corr	espondence address below					
Name	John V. Biernacki							
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City	Cléveland	State OH	Zip Code   44114					
Country		elephone 216-586-3939	Fax 216-579-0212					
Name (Print/Type	John V. Biernacki	Registration No. (Attorney/Agent)	50,411					
Signature	John Burghi		Date Aug. 4, 2003					

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Under the Paperwork Reduction Act of 1995, no persons are requ	ired to r	espond	to a co	llection	and trademark Office; U.S. DEPARTMENT OF COMMERC of information unless it displays a valid OMB control number		
FEE TRANSMITTA							
I LE INANSIVII I A	L	Appli	cation	Numb	per		
for FY 2003		Filing	Date				
Effective 01/01/2003. Patent fees are subject to annual revision		First	Name	d Inver	ntor Joel D. Kamentz et al.		
		Examiner Name		lame			
Applicant claims small entity status. See 37 CFR 1.27		Art Unit					
TOTAL AMOUNT OF PAYMENT (\$) 892.00		Attor	ney Do	cket N	No. 343355600074		
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
Check Credit card Money Other None		3. ADDITIONAL FEES					
☐ Order ☐ Order ☐ None		Large Entity   Small Entity					
Deposit Account 501432	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description Fee Paid		
Number Deposit	1051	130	2051	65	Surcharge - late filing fee or oath		
Account Name Jones Day	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
The Director is authorized to: (check all that apply)		130	1053		Non-English specification		
X Charge fee(s) indicated below X Credit any overpayments		2,520	1		For filing a request for ex parte reexamination		
Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920-	Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month		
1. BASIC FILING FEE		410	2252	205	Extension for reply within second month		
Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid	1253		2253		Extension for reply within third month		
Code (\$) Code (\$)		1,450	2254		Extension for reply within fourth month		
1001 750 2001 375 Utility filing fee 750		1,970	2255		Extension for reply within fifth month		
1002 330   2002 165   Design filing fee	1401 1402	320 320	2401		Notice of Appeal		
1003 520   2003 260   Plant filing fee 1004 750   2004 375   Reissue filing fee	1402	280	2402 2403		Filing a brief in support of an appeal  Request for oral hearing		
1005 160 2005 80 Provisional filing fee		1,510			Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 750.00	1452	110	2452		Petition to revive - unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,300	2453	650	Petition to revive - unintentional		
Fee from _		1,300	2501	650	Utility issue fee (or reissue)		
Extra Claims below Fee Paid  Total Claims 21 -20** = 1 x 18 = 18	1502	470	2502		Design issue fee		
Independent Claims 4 - 3** = 1 x 84 = 84	1503 1460	630 130	2503 1460		Plant issue fee Petitions to the Commissioner		
Multiple Dependent	1807	50	1807		Processing fee under 37 CFR 1.17(q)		
Large Entity   Small Entity Fee Fee   Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt		
Code (\$) Code (\$)	8021	40	8021	40 F	Recording each patent assignment per		
1202 18 2202 9 Claims in excess of 20	1809	750	2809		property (times number of properties)  Filing a submission after final rejection		
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim if not paid		İ	_500	(	(37 CFR 1.129(a))		
1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 204 42 ** Reissue independent claims	1810	750	2810	375 (	For each additional invention to be examined (37 CFR 1.129(b))		
over original patent	1801	750	2801		Request for Continued Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802		Request for expedited examination of a design application		
SUBTOTAL (2) (\$) 102.00	Other	Other fee (specify)					
**or number previously paid, if greater; For Reissues, see above	*Redu	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00					
SUBMITTED BY (Complete (if applicable)							
Name (Print/Type) John V. Biernacki	R	egistrati	on No.	40			

John V. Biarnacki Telephone 216-586-3939 40,511 Signature Date WAR ING: Information on this form may become public. Credit card information should not

be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademork Office U.S. Posedment of Commerce R.O. Pay 1450, Alexandric VA 20213 1450, DO NOT SETTE CON CONTRACTOR CONTRACTOR. Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.